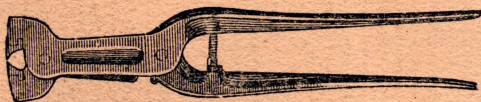


ILLUSTRATED PRICE LIST

—OF—

# CHAMPION BOLT CLIPPER CO.



MANUFACTURERS OF

Carriage Makers and Horseshoers' Supplies,

AND

CARPENTERS' NIPPERS.

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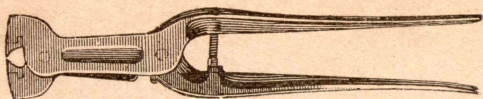
FOR SALE BY  
Hanibal Green's Co. & Co.  
Troy N. Y.



ILLUSTRATED PRICE LIST

—OF—

CHAMPION  
BOLT CLIPPER CO.



MANUFACTURERS OF

Carriage Makers and Horseshoers' Supplies,

AND

CARPENTERS' NIPPERS

## A USEFUL TABLE FOR HORSESHOERS

For cutting off molds of iron and steel, for making weights of shoes, making your own allowance for waste.

$\frac{3}{8} \times \frac{1}{4}$ — $9\frac{3}{8}$ in. weighs 4 oz.; $11\frac{5}{8}$ in. weighs 5 oz.; 14 in. weighs 6 oz.; $16\frac{1}{4}$ in. weighs 7 oz., or $2\frac{1}{4}$ inches to the oz.	7-16x $\frac{1}{4}$ — $8\frac{3}{8}$ in. weighs 4 oz.; $10\frac{1}{2}$ in. weighs 5 oz.; $12\frac{5}{8}$ in. weighs 6 oz.; $14\frac{3}{4}$ in. weighs 7 oz., or $2\frac{1}{8}$ inches to the oz.	7-16x5-16— $8\frac{1}{2}$ in. weighs 5 oz.; $10\frac{1}{4}$ in. weighs 6 oz.; $11\frac{7}{8}$ in. weighs 7 oz.; $13\frac{5}{8}$ in. weighs 8 oz.; $15\frac{3}{8}$ in. weighs 9 oz., or $1\frac{3}{4}$ inches to the oz.	$\frac{1}{2} \times 5-6$ — $8\frac{5}{8}$ in. weighs 6 oz.; 10 in. weighs 7 oz.; $11\frac{1}{2}$ in. weighs 8 oz.; $12\frac{7}{8}$ in. weighs 9 oz.; $14\frac{1}{4}$ in. weighs 10 oz.; $15\frac{3}{4}$ in. weighs 11 oz., or 1 7-16 inches to the oz.	$\frac{1}{2} \times 3\frac{3}{8}$ — $8\frac{1}{2}$ in. weighs 6 oz.; $9\frac{7}{8}$ in. weighs 7 oz.; $11\frac{1}{4}$ in. weighs 8 oz.; $12\frac{5}{8}$ in. weighs 9 oz.; 14 in. weighs 10 oz., or $1\frac{3}{8}$ in. to the oz.	9-16x $3\frac{3}{8}$ — $8\frac{1}{4}$ in. weighs 8 oz.; 9 5-16 weighs 9 oz.; $10\frac{3}{8}$ in. weighs 10 oz.; 11 5-16 in. weighs 11 oz.; $12\frac{1}{2}$ in. weighs 12 oz.; 13 9-16 in. weighs 13 oz.; $14\frac{5}{8}$ in. weighs 14 oz., or 1 1-16 in. to oz.	$\frac{5}{8} \times 3\frac{3}{8}$ — $8\frac{3}{8}$ in. weighs 9 oz.; 9 5-16 in. weighs 10 oz.; $10\frac{1}{4}$ in. weighs 11 oz.; $11\frac{1}{8}$ in. weighs 12 oz.; 12 in. weighs 13 oz.; 12 15-16 in. weighs 14 oz.; $13\frac{7}{8}$ in. weighs 15 oz., or 15-16 in. to oz.	$\frac{3}{4} \times 3\frac{3}{8}$ —8 3-16 in. weighs 10 oz.; 9 in. weighs 11 oz.; 9 13-16 in. weighs 12 oz.; $10\frac{5}{8}$ in. weighs 13 oz.; 11 7-16 in. weighs 14 oz.; 12 3-16 in. weighs 15 oz.; 13 in. w. 16 oz.; $13\frac{3}{4}$ in. w. 17 oz.; 14 9-16 in. weighs 18 oz., or 13-16 in. to oz.	$\frac{3}{4} \times 7-16$ — $10\frac{1}{4}$ in. weighs 16 oz.; $10\frac{7}{8}$ in. weighs 17 oz.; $11\frac{1}{2}$ in. weighs 18 oz.; $12\frac{1}{8}$ in. weighs 19 oz.; 12 13-16 in. w. 20 oz.; $13\frac{1}{2}$ in. w. 21 oz.; $14\frac{1}{2}$ in. w. 22 oz.; $14\frac{3}{4}$ in. w. 13 oz., or $\frac{5}{8}$ to oz.	$\frac{7}{8} \times 3\frac{3}{8}$ — $9\frac{3}{8}$ in. weighs 16 oz.; 10 in. weighs 17 oz.; 10 9-16 in. weighs 18 oz.; $11\frac{1}{8}$ in. weighs 19 oz.; 11 9-16 in. w. 20 oz.; $12\frac{1}{4}$ in. w. 21 oz.; 12 13-16 in. w. 22 oz., or 9-16 in. to the oz.	$\frac{3}{4} \times \frac{1}{2}$ — $9\frac{5}{8}$ w. 14 oz.; 10 15-16 w. 15 oz.; 11 w. 16 oz.; $11\frac{3}{4}$ w. 17 oz.; $12\frac{1}{2}$ w. 18 oz.; 13 3-16 w. 19 oz.; $13\frac{7}{8}$ w. 20 oz., or 11-16 in. to the oz.
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$\frac{7}{8} \times 1\frac{1}{4}$ —10 w. 20 oz.;  $10\frac{1}{2}$  w. 21 oz.; 11 w. 22 oz.;  $12\frac{1}{2}$  w. 23 oz.; 12 w. 24 oz.;  $12\frac{1}{2}$  w. 25 oz.; 13 w. 25 oz., or  $\frac{1}{2}$  in to the oz.  
 9-16x7-16— $10\frac{3}{8}$  w. 13 oz.;  $11\frac{1}{4}$  w. 14 oz.;  $12\frac{1}{8}$  w. 15 oz.; 13 w. 16 oz.;  $13\frac{1}{8}$  w. 17 oz.;  $14\frac{5}{8}$  w. 18 oz., or  $\frac{7}{8}$  in. to the oz.

## LIST OF CULVER OR BEVELED EDGE STEEL

For making SnowShoes in numbers :

- No. 0 Hind— $9\frac{5}{8}$  in. weighs 4 oz.; 12 in. weighs 5 oz.; 14 in. weighs 6 oz., or  $2\frac{3}{8}$  in. to oz.  
 No. 1 Hind— $8\frac{1}{2}$  in. weighs 4 oz.;  $10\frac{1}{2}$  in. weighs 5 oz.;  $11\frac{5}{8}$  in. weighs 6 oz.;  $14\frac{3}{4}$  in. weighs 7 oz., or  $2\frac{1}{8}$  in. to oz.  
 No. 3 Hind— $10\frac{5}{8}$  in. weighs 8 oz.; 12 in. weighs 9 oz.;  $13\frac{3}{8}$  in. weighs 10 oz.;  $17\frac{3}{4}$  in. weighs 11 oz.;  $16\frac{1}{8}$  in. weighs 12 oz., or 1 5-16 in. to oz.  
 No. 4 Hind— $9\frac{5}{8}$  in. weighs 8 oz.;  $10\frac{7}{8}$  in. weighs 9 oz.; 12 in. weighs 10 oz.;  $13\frac{1}{4}$  in. weighs 11 oz.;  $14\frac{1}{2}$  in. weighs 12 oz.;  $15\frac{5}{8}$  in. weighs 13 oz., or 1 3-16 in. to oz.

## FRONT SHOE PATTERN IN NUMBERS.

- No. 1—10 in. weighs 10 oz.; 11 in. weighs 11 oz.; 12 in. weighs 12 oz.; 13 in. weighs 13 oz.; 14 in. weighs 14 oz.; 15 in. weighs 15 oz.; 16 in. weighs 16 oz., or 1 in. to oz.  
 No. 2— $10\frac{1}{2}$  in. weighs 13 oz.;  $11\frac{3}{8}$  in. to 14 oz.;  $12\frac{1}{4}$  in. weighs 15 oz.;  $13\frac{1}{8}$  in. to 16 oz.; 14 in. weighs 17 oz.;  $14\frac{7}{8}$  in. weighs 18 oz., or  $\frac{7}{8}$  in. to oz.  
 No. 3—12 in. weighs 18 oz.;  $12\frac{5}{8}$  in. weighs 19 oz.;  $13\frac{1}{4}$  in. weighs 20 oz.;  $13\frac{7}{8}$  in. weighs 21 oz.;  $14\frac{1}{2}$  in. weighs 22 oz.;  $15\frac{1}{2}$  in. weighs 23 oz.;  $15\frac{3}{4}$  in. weighs 24 oz., or  $\frac{5}{8}$  in. to oz.  
 No. 4—12 in. weighs 24 oz.; 13 in. weighs 26 oz.; 14 in. weighs 28 oz.; 15 in. weighs 30 oz., or  $\frac{1}{2}$  in. to oz.

The above weights and measurements are given in eighths and sixteenths inches, coming nearest to actual fractions of ounce and inches, and will be found to be practically correct.

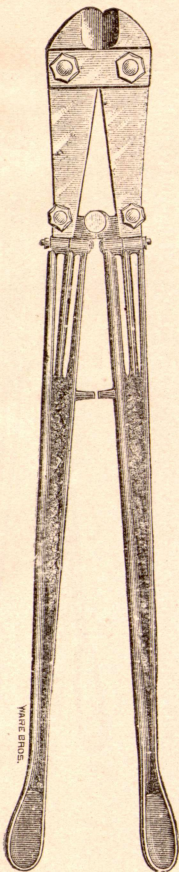
## PRICE LIST.

Champion Bolt Clipper, No. 0, each.....	\$ 4.50
“ “ “ “ 1, “ .....	6.00
“ “ “ “ 2, “ .....	8.00
“ “ “ “ 8, “ .....	15.00
Excelsior “ “ “ “ 1, “ .....	6 00
“ “ “ “ 2, “ .....	8.00
“ “ “ “ 4, “ .....	20.00
Vise Jaws, each.....	1.50
With round Jaw, each... ..	2.00
Hoof and Clinch Nipper, each.....	1.50
Hoof Parer, each.....	2.00
Nail Head Nipper, No. 1, each.....	3.00
“ “ “ “ 2, “ .....	4.56
Saddler's Nippers, each.....	3.50
Clinch Nippers, each.....	1.35
Clinch Tongs, each.....	2.35
Creasing Fullers, each.....	.75
Fore Punches, each.....	.75
Sole and Toe Knife, each.....	.50
Buffers or Clinch Nippers, each.....	.75
Maud S. Rounding Hammers, per doz.....	24 00
Champion Fitting Hammers, weight 2 lbs., per doz.....	24.00
“ “ “ “ 2 1/4 “ “ .....	26.00
Side Pened Hammers, weight 2 lbs., per doz.....	24 00
“ “ “ “ 2 1/4 “ “ .....	26.00
Wire Nippers, 6-in., per doz.....	14.00
“ “ 9-in., “ .....	18 00
“ “ 12-in., “ .....	24.00



## REPAIR LIST.

No. 1 Bolt Clipper Knives, per pair.....	\$ .75
“ 2 “ “ “ “ .....	.80
New head for No. 1 Clipper, with knives.....	3.00
“ “ “ “ 2 “ “ .....	4 00
Handles for No. 1 Bolt Clipper.....	3.00
“ “ “ 2 “ “ .....	4.00
Knives for Nail Head Nipper, per pair.....	.75
Short jaw for Nail Head Nipper, with knife.....	1.00
Short handle for Nail Head Nipper.....	.50
Long Handle and Knife.....	1.50
Knife for Hoof Nipper....	.40
Knives for Clinch Nipper, and Hoof and Clinch Nipper, per pair.. ..	.50
New Head for Excelsior Clipper, No. 1.....	3.00
“ “ “ “ “ “ 2.....	4.00
“ “ “ “ “ “ 3.....	7.50
New Handles and Gearing for Clipper No. 1.....	3.00
“ “ “ “ “ “ 2.....	4.00
“ “ “ “ “ “ 3.....	7.50



## CHAMPION BOLT CLIPPER

Is made in three  
sizes.

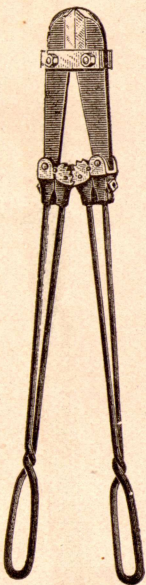
No. 0 cuts  $\frac{1}{4}$  inch,  
\$4.50.

No. 1 cuts  $\frac{3}{8}$  inch,  
\$6.00.

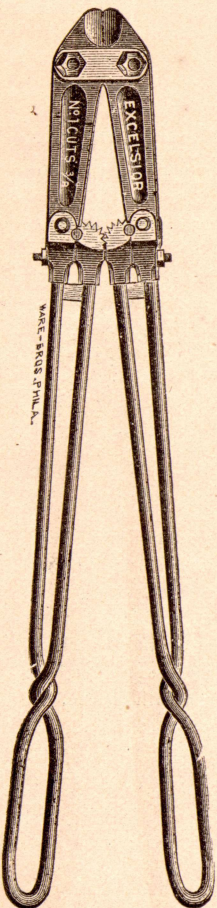
No. 2 cuts  $\frac{1}{2}$  inch,  
\$8.00.

No. 3 cuts  $\frac{5}{8}$  inch,  
\$15.00.

Is fitted with adjustment, and knives are even with lower bar enables you to cut a bolt or rivet down even on a flat or smooth surface.

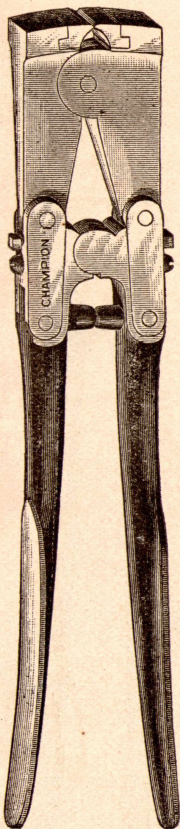


Excelsior Clipper is solid steel head and fitted with adjustment; has spring steel handles, and is equal to any clipper in the market, and as a practical tool is superior to any tool, as lower bar on head is flush with knives, and knives are slightly inclined upward, allowing workman a more upright position in cutting work on floor, and can get at work where other clippers will not catch bolts. No. 1 cuts  $\frac{3}{8}$  inch. \$6.00. No. 2 cuts  $\frac{1}{2}$  inch. \$8.00. No. 4 cuts  $\frac{3}{4}$  inch. \$20.



WARE-BROS. PHILA.





SADDLER'S  
NIPPER.

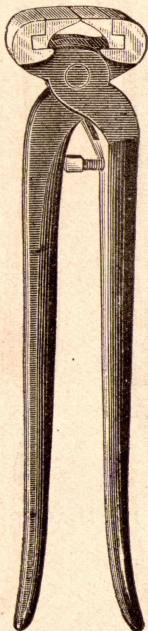
\$42.00 per doz.

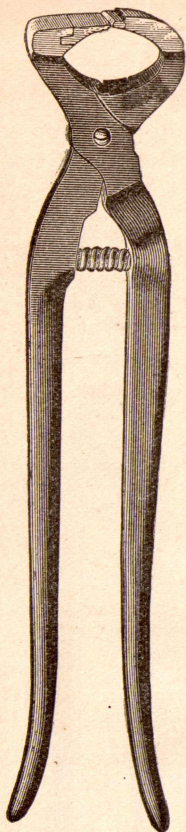
WIRE NIPPER.

6 inch,  
\$16.00 per dozen.

9 inch,  
\$18.00 per dozen.

12 inch,  
\$24.00 per dozen.





HOOF PARER,

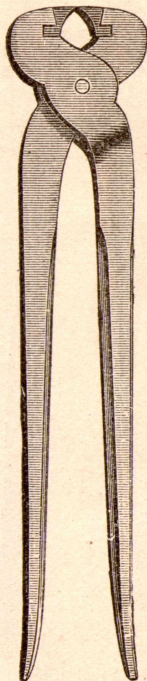
For paring long feet.

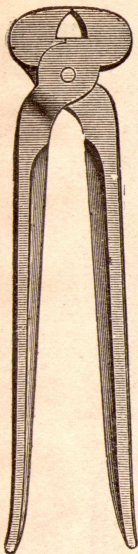
Price, \$24.00 doz..

# HOOF AND CLINCH NIPPER.

For cutting clinches and  
paring long feet.

\$18.00 doz.

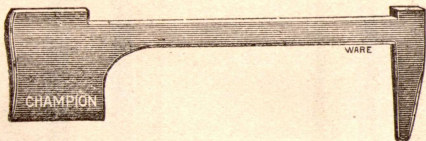




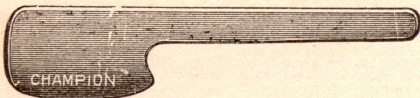
## CLINCH NIPPERS.

This tool is designed for a general purpose nipper, and has adjustable knives, which can be replaced when the old ones are worn out, at a trifling expense.

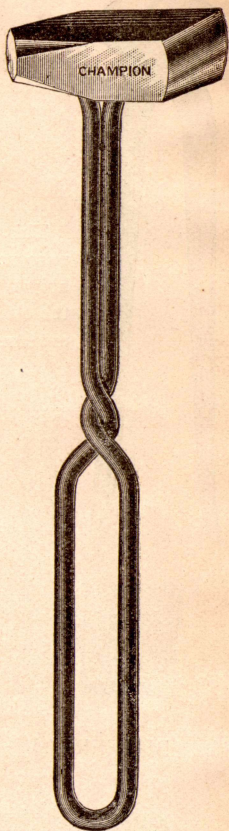
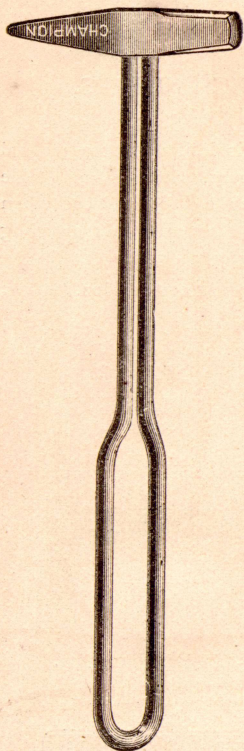
Price, \$16.00 per doz.



BUFFERS, - - Each 60 cents.



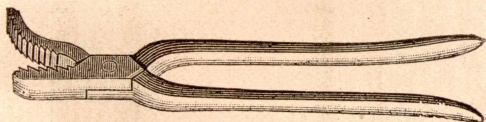
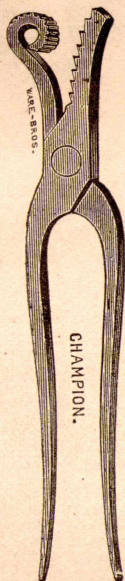
SOLE KNIVES, - Each 50 cents.



FORE PUNCH AND CREASING FULLER.

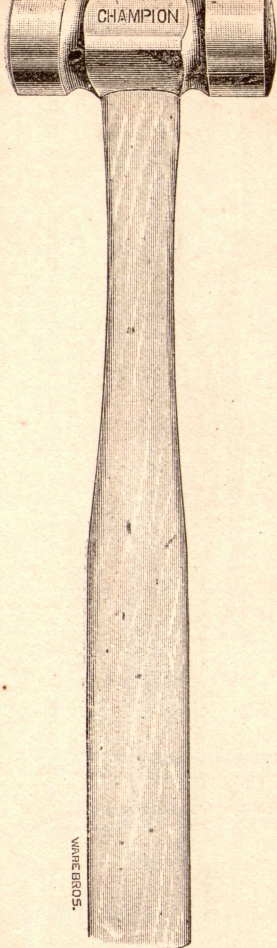
Fore Punch,	-	Each 85 cents.
Fuller,	-	Each 85 cents.





### CLINCH TONG.

Solid steel and finely finished. Is for turning<sup>e</sup> down the clinch instead of using hammer. Will be found very useful for horses with sore and tender feet, also for colts and nervous horses.

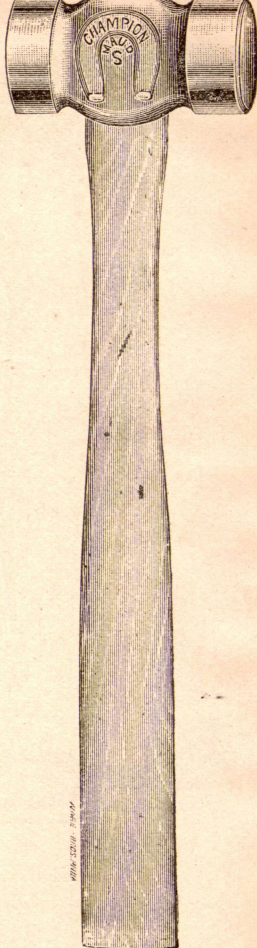


WARE BROS.

2 and  $2\frac{1}{4}$  lbs.

**Double Pened Hammer.**

\$24.00 per doz.



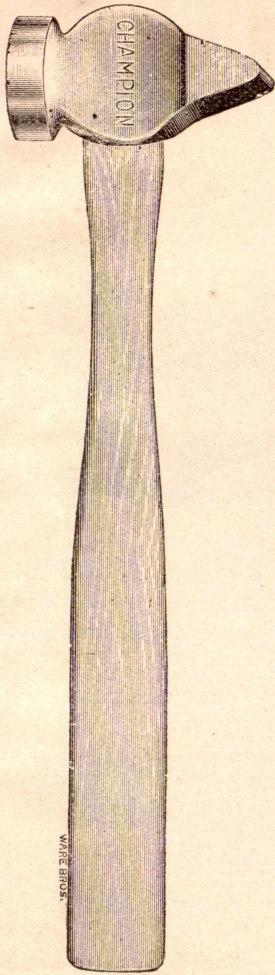
MAUD S. R. 1894

2 and  $2\frac{1}{4}$  lbs.

**Maud S. Rounding Hammer.**

\$24.00 per doz.

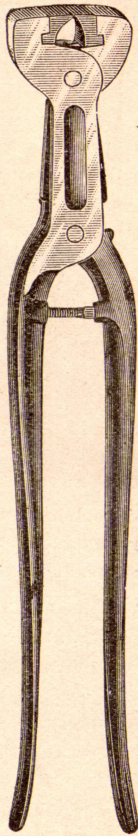
WARE BROS.



2 and  $2\frac{1}{4}$  lbs.

FITTING HAMMER.

\$24.00 PER DOZ.



CHAMPION NAIL HEAD NIPPER.

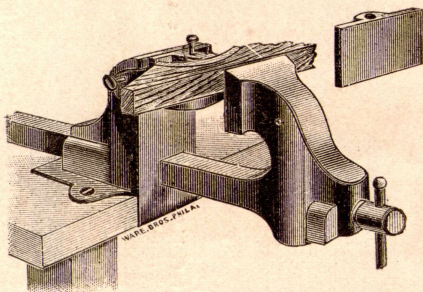
For nipping heads off nails on trotting and road horses, where they project below the shoe plate; a so a useful tool for small rivets and bolts, saves, rasps and files.

No. 1 cuts No. 6 nail. \$3.00.

No. 2 cuts No. 8 nail. \$4.00.



## WISE JAW FOR COACH MAKERS.



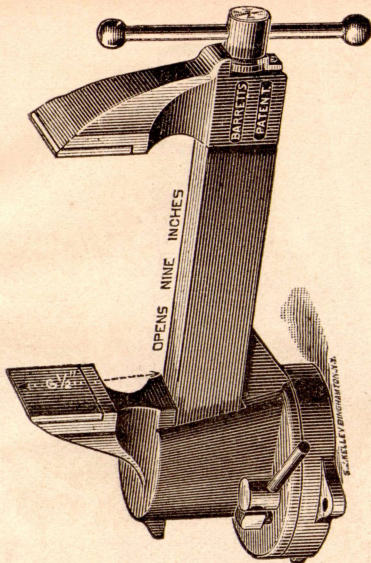
This tool does away with adjustable vise. It will hold any bevel of wood. The round jaw will also be found of great advantage in working all round work, such as wheel rims, body work, etc.

Price, \$1.75.

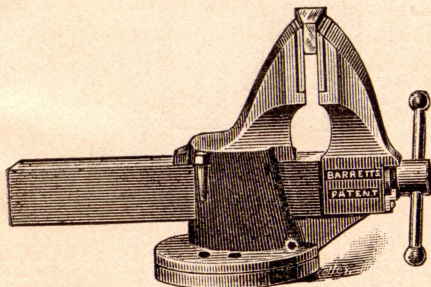
Extra Jaws, \$2.00.







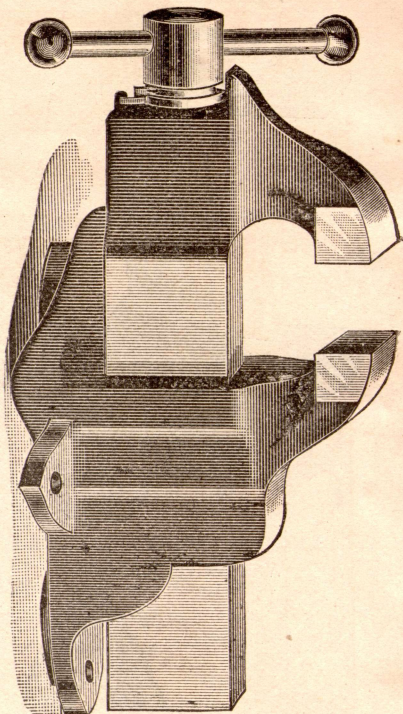
ADJUSTABLE JAW WOODWORKERS' VISE,  
With Swivel Bottom.



PATENT SWIVEL-BOTTOM VISE.

No. 114, Flat Base, price, \$11.00.

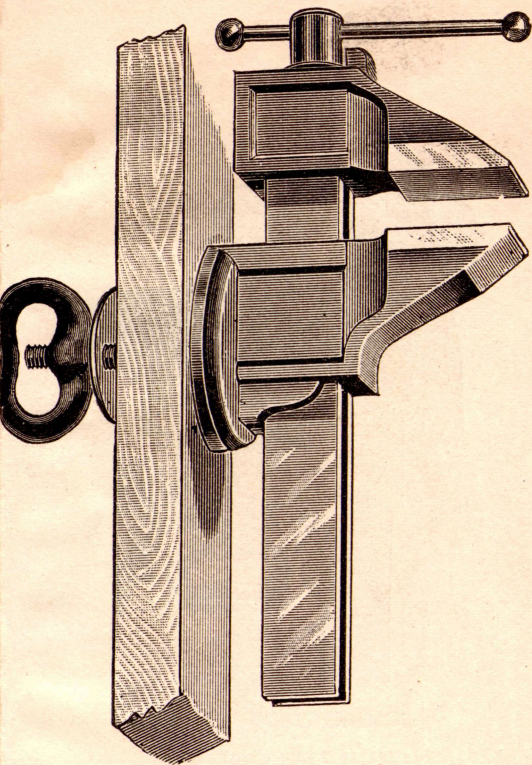
No. 118, Swivel Base, price, \$13.00.



## MACHINISTS' SOLID JAW, PARALLEL VISE.

*First-Class in Every Respect.*

No. 31,	width jaw	3½ in.,	opens	5 in.,	weight	26 lbs....	\$ 7 00
No. 32,	"	4 in.,	"	6 in.,	"	42 lbs....	9 00
No. 33,	"	4½ in.,	"	7 in.,	"	54 lbs....	10 50
No. 34,	"	5 in.,	"	8 in.,	"	67 lbs....	15 50
No. 36,	"	5¼ in.,	"	8½ in.,	"	88 lbs....	17 00
No. 37,	"	6 in.,	"	9 in.,	"	104 lbs....	24 00
No. 38,	"	6¼ in.,	"	9½ in.,	"	111 lbs....	27 00

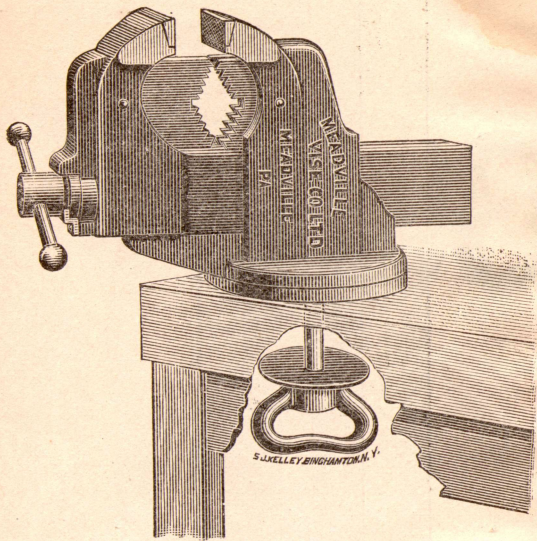


# SWIVEL BOTTOM, STEEL BAR WOOD-WORKER.

Fitted with malleable nut which can be replaced; wrought iron screw; steel faced jaw; file-cut or smooth; opens 17 inches. We guarantee our Steel Bar, with fair usage, not to break. It is the cheapest and best made Vise for heavy and continuous work.

No.	Width of Jaw.	Jaws Open.	Weight.	Price.
58	4½ in.	17 in.	48 lbs.	\$10 50.





### COMBINATION PIPE VISE.

No. 23, takes  $\frac{1}{8}$  to 2 in., weight 42 lbs.....\$16 00  
No. 24, takes  $\frac{1}{4}$  to 3 in., weight 57 lbs..... 20 00







# Memorandum.

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